



PTO/SB/08A (08-03)

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Substitute Form 1001/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/806,647
				Filing Date	March 22, 2004
				First Named Inventor	Clark R. Baker, Jr.
				Art Unit	3768
				Examiner Name	Etsub D. Berhanu
Sheet	1	of	6	Attorney Docket Number	TYHC:0110-5 / 009103-009632

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
-CB ↓ -CB	A1	US-	3,647,299	03-07-1972	Lavallee	
	A2	US-	3,704,706	12-05-1972	Herczfeld et al.	
	A3	US-	4,063,551	12-20-1977	Sweeney	
	A4	US-	4,086,915	05-02-1978	Kofsky et al.	
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	A6	US-	4,266,554	05-12-1981	Hamaguri	
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	A11	US-	4,649,505	03-10-1987	Zinser, Jr. et al.	
	A12	US-	4,700,708	10-20-1987	New, Jr. et al.	
	A13	US-	4,705,049	11-10-1987	John	
	A14	US-	4,723,294	02-02-1988	Taguchi	
	A15	US-	4,763,282	08-09-1988	Rosenberg	
	A16	US-	4,770,179	09-13-1988	New, Jr., et al.	
	A17	US-	4,773,422	09-27-1988	Isaacson et al.	
	A18	US-	4,799,493	01-24-1989	DuFault	
	A19	US-	4,800,495	01-24-1989	Smith	
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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
-CB	B1	DE	3328862	A1	02-28-1985		
-CB	B2	EP	0341 327	A1	11-15-1988		
-CB	B3	GB	2 166 326		04-30-1986		
-CB	B4	GB	2 235 288		02-27-1991		
-CB	B5	SU	1674798	A1	09-07-1991		
-CB	B6	WO	92/15955		09/17/1992		

Examiner Signature	-Cav B. Berhanu	Date Considered	03/10/2007
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
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			Filing Date	March 22, 2004	
			First Named Inventor	Clark R. Baker, Jr.	
			Art Unit	3768	
			Examiner Name	Etsub D. Berhanu	
Sheet	2	of	6	Attorney Docket Number	TYHC:0110-5 / 009103-009632

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AS	A21	US-	4,819,752	04-11-1989	Zelin		
↓	A22	US-	4,934,372	06-19-1990	Corenman et al.		
	A23	US-	4,824,242	04-25-1989	Frick et al.		
	A24	US-	4,848,901	07-18-1989	Hood, Jr.		
	A25	US-	4,860,759	08-29-1989	Kahn et al.		
	A26	US-	4,863,265	09-05-1989	Flower et al.		
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	A29	US-	4,869,254	09-26-1989	Stone et al.		
	A30	US-	4,883,353	11-28-1989	Hausman et al.		
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	A36	US-	4,948,248	08-14-1990	Lehman		
	A37	US-	4,949,710	08-21-1990	Dorsett et al.		
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	↓	A39	US-	4,956,867	09-11-1990	Zurek et al.	
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	B8							
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	B10							
	B11							
	B12							

Examiner Signature	<i>Etsub D. Berhanu</i>	Date Considered	03/10/2007
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	B13					
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	B15					
	B16					
	B17					
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-CB	A61	US-	5,494,032	02-27-1996	Robinson et al.	
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	A75	US-				
	A76	US-				
	A77	US-				
	A78	US-				
	A79	US-				

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	B19						
	B20						
	B21						
	B22						
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CS	C1	Mook et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation," <i>Clinical Chemistry Acta</i> , 26:170-173 (1969).	
	C2	Rabiner et al., "Theory and Application of Digital Signal Processing," p. 260 (1975).	
	C3	Mook et al., "Spectrophotometric Determination of Oxygen Saturation of Blood Independent of the Presence of Indocyanine Green", <i>Cardiovascular Research</i> , 13:233-237 (1979).	
	C4	Nehorai, A., "A Minimal Parameter Adaptive Notch Filter With Constrained Poles and Zeros," <i>IEEE Transactions on Acoustics Speech, and Signal Processing</i> , ASSP-33(4):9083-996 (1985).	
	C5	Nehorai, A., et al., "Adaptive Comb Filtering for Harmonic Signal Enhancement," <i>IEEE Transactions on Acoustics, Speech, and Signal Processing</i> , ASSP-14 (5):1124-1138 (1986).	
	C6	Gilbert Strang, <i>Introduction to Applied Mathematics</i> , Wellesley Cambridge Press, Wellesley, Mass. (1986), pp. 148-152.	
	C7	Brown, "Evaluation of Pulse Oximeters Using Theoretical Models and Experimental Studies," Cover page-p. 2 (1987).	
	C8	Neuman, "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations," <i>Continuous Transcutaneous Monitoring</i> , pp. 135-144 (1987)	
	C9	Jinzheng et al., "Digital Processing of High-Resolution Electrocardiograms-Detection of His-Purkinje Activity from the Body Surface," <i>Biomed. Technik</i> , 33(10):224-230 (1988).	
	C10	Chen et al., "Adaptive System for Processing of Electrogastic Signals," <i>IEEE Engineering in Medicine & Biology Society</i> , 11 th Annual International Conference, pp. 698-699 (1989).	
	C11	Klimasauskas, "Neural Nets and Noise Filtering," <i>Dr. Dobb's Journal</i> , 14(1):32-48 (1989).	
	C12	Severinghaus, "Pulse Oximetry Uses and Limitations," ASA Convention in New Orleans, LA (1989).	
	C13	Harris et al., "Digital Signal processing with Efficient Polyphase Recursive All-Pass Filters," <i>International Conf. on Signal Processing</i> , Florence, Italy (1991)	
	C14	Varanini et al., "A Two-Channel Adaptive Filtering Approach for Recognition of the QRS Morphology," <i>COMPUTERS IN CARDIOLOGY</i> , pp. 141-144 (1991).	
	C15	Robert Grover Brown and Patrick Y.C. Hwang, <i>Introduction to Random Signals and Applied Kalman Filtering</i> (2 nd Ed.), John Wiley & Sons, Inc., New York (1992), pp. 231-232, 261.	
	C16	Hendry, S.D., "Computation of Harmonic Comb Filter Weights," <i>IEEE Transactions on Signal Processing</i> , 41(4): 1677-1680 (1993)	
CS	C17	Testimony of Mohammed Diab, Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 24, 2004, pp. 626-710, US District Court, central District of California, No. CV 00 6506-MRP, Los Angeles, California	

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CB	C18	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Afternoon session, Feb. 24, 2004, pp. 711-806, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	C19	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning session, Feb. 25, 2004, pp. 807-826, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	C20	Testimony of James Edward, Corenman, Testimony of Clark Raymond Baker, Jr., Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Afternoon session, March 3, 2004, pp. 1696-1795, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	C21	Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Morning session, March 4, 2004, pp. 1796-1884, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	C22	<i>Mallinckrodt Inc. and Nellcor Puritan Bennett, Inc. v. Masimo Corp. and Ivy Biomedical Systems, Inc.</i> , Memorandum of Decision and order Re Power-Trial Motions entered July 14, 2004.	
	C23	<i>Mallinckrodt Inc. and Nellcor Puritan Bennett, Inc. v. Masimo Corp. and Ivy Biomedical Systems, Inc.</i> , Final Judgment entered August 6, 2004.	
	C24	FastSat™ Whitepaper by Masimo Corporation (2 pages) - undated	
	C25	Cohen, <i>Biomedical Signal Processing</i> , Vol. 1, pp. 152-158.	
✓	C26	Joint Exhibits: JTX-5009, JTX-5010, JTX-5013, JTX-5014, JTX-5015, JTX-5017, JTX-5021, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
→	C27	Wahr, Joyce A., et al., "Pulse Oximetry," <i>Respiratory Care Clinics of North America, Blood Gas Measurements</i> , 1:1 (September 1995), pp. 77-105.	
	C28		
	C29		
	C30		
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